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EXPIRE 14578
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/572,629

12/07/2006

Stephan Steffen

4932

7590
STEPHAN STEFFEN
BUXTORFFSTRABE 17
BREMEN, 28213
GERMANY

01/18/2008

EXAMINER

THEODORE, MAGALI P

ART UNIT

PAPER NUMBER

4191

MAIL DATE

DELIVERY MODE

01/18/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/572,629	STEFFEN, STEPHAN	
	Examiner	Art Unit	
	MAGALI P. THEODORE	4191	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 December 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 December 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>07 December 2006</u> . | 6) <input type="checkbox"/> Other: _____ |

Apparatus for the Production of Molded Concrete Pieces

Examiner: Théodore

Art Unit: 4191

SN: 10/572,629

December 27, 2007

Specification

1. The abstract of the disclosure is objected to because, even in its amended form, it exceeds the maximum length of 150 words. Correction is required. See MPEP § 608.01(b).

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-16 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claims 1 and 12, the phrase "or the like" render the claims indefinite because the claims include elements not actually disclosed (those encompassed by "or the like"), thereby rendering the scope of the claims unascertainable. See MPEP § 2173.05(d). Applicant is reminded that part numbers in the claims are not considered in evaluating the claims' scope.

Similarly, regarding claims 1, 7 and 12, the phrase "in particular" renders the claims indefinite because the claims include elements not actually disclosed, thereby rendering the scope of the claim unascertainable.

Claim Rejections - 35 USC § 102/103

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-9, 11-16 are rejected under 35 U.S.C. 102(b) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Sayles (US 5,078,940).

Regarding claim 1, Sayles teaches an apparatus for the production of concrete building blocks (fig 2 part 52), a mold frame (fig 1 part 10) being provided which has at least one mold cavity into which concrete can be poured and which is at least partially bounded by upright mold walls (fig 1 parts 14, 12) of the mold frame, and, furthermore, the mold cavity being assigned at least one scraping member (fig 1 part 32) with which concrete can be scraped off on at least one exterior side of the molded concrete pieces, in order to form a roughened surface (fig 2 part 50) during an upward movement of the mold frame (fig 2 arrows) while the molded concrete pieces are being removed from the mold. Sayles discloses a scraping member, "a rearwardly extending lower wall or lip"

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(col 3 ln 55-56). The Oxford English dictionary defines a lip as "something resembling the lips of the mouth" or "the margin of a cup or any similar vessel; e.g. of a bell" (1989 definition II, 4). It is the position of the examiner that the curvature of the exterior surface of the scraping member is inherent, given Sayles's description of said member as a lip. A reference which is silent about a claimed invention's features is inherently anticipatory if the missing feature is necessarily present in that which is described in the reference. Inherency is not established by probabilities or possibilities. *In re Robertson*, 49 USPQ2d 1949 (1999).

Alternatively, it has been held that a mere change in shape without affecting the functioning of the part would have been within the level of ordinary skill in the art, *in re Dailey*, 357 F.2d 669, 149 USPQ 47 (CCPA 1966). Therefore, it would be obvious to a person of ordinary skill in the art to shape the scraping element taught by Sayles with various degrees of curvature in accordance with design requirements. It is also the position of the examiner that the criticality of the curvature of the scraping member does not provide patentable distinction.

Regarding claim 2, Sayles teaches that the scraping member (fig 1 part 32) is assigned to a mold wall (fig 1 part 12) and at least partially protrudes in relation to this mold wall (fig 1 part 12) toward the interior of the mold cavity and has a front, free scraping edge which faces the molded concrete piece.

Regarding claims 3-6, Sayles does not specify that the exterior surface of the scraping member has a partially or continuously concave profile in cross section in the

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region between the scraping edge and the upright mold wall or that radius of curvature is constant.

However, Sayles discloses a scraping member, "a rearwardly extending lower wall or lip" (col 3 ln 55-56). The claims recite limitations in the scraping member's shape with no disclosed effect on function. It has been held that a mere change in shape without affecting the functioning of the part would have been within the level of ordinary skill in the art, *in re Dailey*, 357 F.2d 669, 149 USPQ 47 (CCPA 1966). Therefore, it would be obvious to a person of ordinary skill in the art to shape the scraping element taught by Sayles with various degrees of curvature in accordance with design requirements. It is the position of the examiner that the criticality of the curvature of the scraping member does not provide patentable distinction.

Regarding claim 7, Sayles teaches that the scraping member (fig 1 part 32) is arranged in the region of a lower free edge of the mold wall (fig 1 part 12) and extends continuously along the mold wall (col 3 ln 54-61).

Regarding claim 8, Sayles teaches that scraping members are arranged on at least two opposite mold walls of a mold cavity (fig 6), for the simultaneous formation of a roughened surface on corresponding opposite side surfaces of the molded piece.

Regarding claim 9, Sayles teaches that the scraping member (fig 1 part 32) is part of the mold wall (fig 1 part 12).

Regarding claim 11, Sayles teaches that the concrete carried along by the scraping member during removal of the molded pieces from the mold can be removed upward out of the mold cavities cavity (fig 2).

Regarding claim 12, Sayles teaches that the mold walls (fig 1 parts 14, 12) are of closed design, in such a manner that the mold walls do not have any recesses, apertures or the like.

Regarding claim 13, Sayles teaches that the knobs (fig 1 parts 36a-d, fig 4), which protrude towards the interior of the mold cavity and are arranged in the region of the upright mold walls (fig 1 part 12, fig 4 part 54).

Regarding claim 14, Sayles teaches that the knobs are arranged in a number of parallel rows one above another, the members of one row being arranged with uniform or regular distances between one another (fig 1 part 12, fig 4 part 54).

Regarding claim 15, Sayles does not specify that the rows of knobs are offset in a staggered manner to one another. However, Sayles teaches that the knobs are arranged in a number of parallel rows one above another, the members of one row being arranged with uniform or regular distances between one another (fig 1 part 12, fig 4 part 54). There are a finite number of ways to arrange rows of objects where the objects are spaced equidistantly within each row. Staggering rows is done to maintain equidistant spacing between objects in adjacent rows. One would expect that keeping the elements equidistant in a second dimension would have an effect analogous to that of keeping them equidistant in a first dimension. Therefore, it would be obvious to stagger the rows explicitly taught by Sayles in order to equally space the knobs across two dimensions in the interest of equalizing their grip on the concrete block.

Regarding claim 16, Sayles teaches that the knob elements have a cuboidal design (fig 1 part 12, fig 4 part 54).

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7. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sayles as applied to claims 1-9, 11-16 above, and further in view of Allen (US 2,613,620).

Sayles does not teach a ram. However, Allen teaches a cylindrical mold wherein a ram (fig 3 part 14) entering the mold cavity on a top side of the mold frame has a ram plate (fig 3 part 15) which can move past the edge of the molding cavity (fig 3 line 28) when the cap (fig 3 part 11) is removed. The ram enables the user to push the preform (fig 3 part 18) through the shaping orifice (fig 3 part 20). The ram's clearing the orifice allows for the full recovery of excess bulk material (fig 3 part 18) from the molding cavity (fig 3 part 10). Therefore, it would be obvious to a person of ordinary skill in the art to incorporate into the apparatus taught by Sayles a ram entering the mold cavity on a top side of the mold frame, the ram having a ram plate past which the scraping member can move during the removal of the molded concrete piece because Allen teaches a ram with a ram plate that pushes the bulk material to and past the mold's lower end for shaping and recovery.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MAGALI P. THEODORE whose telephone number is (571)270-3960. The examiner can normally be reached on Monday through Thursday 9:00 a.m. to 6:30 p.m. EST.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dah-Wei Yuan can be reached on 571- 272-1295. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Magali P. Théodore/
Examiner, Art Unit 4191

/Dah-Wei D. Yuan/
Supervisory Patent Examiner, Art Unit 4191

Notice of References Cited	Application/Control No. 10/572,629	Applicant(s)/Patent Under Reexamination STEFFEN, STEPHAN	
	Examiner MAGALI P. THEODORE	Art Unit 4191	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,078,940	01-1992	Sayles, Jerome D.	264/154
*	B	US-2,613,620	10-1952	ALLEN WILLIAM M	426/502
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

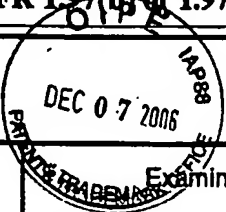
FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Oxford English Dictionary, Second Edition 1989
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. 148809.00500	
In Re Application Of: <div style="text-align: center;">STEFFEN</div>					
Application No. 10/572,629	Filing Date March 17, 2006	 Examiner	Customer No. 25207	Group Art Unit	Confirmation No. 4932
Title: APPARATUS FOR THE PRODUCTION OF CONCRETE MOLDED PIECES					
Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
37 CFR 1.97(b)					
1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.					
37 CFR 1.97(c)					
2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:					
<input type="checkbox"/> the statement specified in 37 CFR 1.97(e);					
OR					
<input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).					

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

10572629 - GAU. 1191
Docket No.
148809.00500

In Re Application of:
STEFFEN

Application No. 10/572,629	Filing Date March 17, 2006	Examiner	Customer No. 02507	Group Art Unit	Confirmation No. 4932
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Title:
APPARATUS FOR THE PRODUCTION OF MOLDED CONCRETE PIECES

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-1429 as described below.
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- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.
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04 December 2006

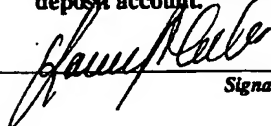
(Date)

Signature of Person Mailing Correspondence

Laurence P. Colton

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.



Signature

Dated: 04 December 2006

cc:

10572629 - GAU: 4191

PTO/SB/08A (08-03)

Approved for use through 07/31/2006: OMB 0651-0031

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1
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of 1

Complete if Known

Application Number	10/572.629
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Filing Date	March 17, 2006
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First Named Inventor	STEFFEN
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Art Unit

Examiner Name

Attorney Docket Number	148809.00500
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

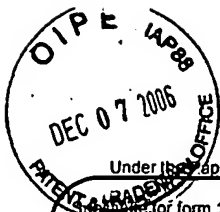
FOREIGN PATENT DOCUMENTS						T ^o
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		WO 03/031130 A	04-17-2003	Jurik		
		DE 102 47 259 A1	10-10-2002	SF Kooperation GmbH		
		DE 3741618 A1	12-09-1987	Metten Produktions		
		ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MPT/				

Examiner Signature	/Magali P. Theodore/	Date Considered	12/18/2007
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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10572629 - GAU: 4191

PTO/SB/08B (07-05)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/572,629

Filing Date March 17, 2006

First Named Inventor STEFFEN

Art Unit 4932

Examiner Name

Attorney Docket Number 148809.00500

Sheet

1

of

1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		International Search Report dated 18 January 2005	
		DE Search Report No. 103 44 194.8 dated 19 August 2004	
		ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MPT/	

Examiner
Signature

/Magali P. Theodore/

Date
Considered

12/18/2007

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lip, n.

SECOND EDITION 1989

(lip) Forms: 1 **lippa**, 2-7 **lippe**, (3 **leppe**), 4-6 **lyppe**, 5 **lyp**, (**lype**), 7 **lipp**, 4- **lip**. [OE. *lippa* wk. masc., corresponds to OFris. *lippa* masc., MLG., MDu. *lippe* fem. (whence mod.G. *lippe*, mod.Du. *lip* fem.), MSw. *lippe*, *lippa*, and *läpe*, mod.Sw. *läpp*, Da. *læbe*:—OTeut. type **lipjon-*, cogn. w. the synonymous OSax. *lepor*, OHG. *leffur*, *lefs* masc. (MHG. *lefs* masc., *lefse* fem., mod.Ger. dial. *lefze* fem.):—OTeut. **lepoz-*, **leps*, f. root **lep-*, pre-Teut. **leb-*; ablaut-variants occur in L. *labium*, *labrum*, and Pehlevi *lap* (mod.Persian *lab*) lip. The LG. word was adopted into OF. as *lipe*, whence mod.F. *lippe* thick under-lip.]

I. 1. a. Either of the two fleshy structures which in man and other animals form the edges of the mouth. Distinguished as *upper* and *lower*, also as *†over* (obs.) and *under*, colloq. or dial. *top* and *bottom lip*. Phr. (*immersed, steeped*) *to the lips*.

c1000 *ÆLFRIC Gloss.* in Wr.-Wülcker 157/22, *Labium*, ufeweard lippa. *Labrum*, niðera lippe. *Rostrum*, foreweard feng þære lippena togædere. **c1000** Sax. *Leechd.* III. 100 Wið lippe sar. **c1205** LAY. 29359 Of cnihten he carf þe lippes. **13..** K. *Alis.* 6428 Heo no hath nose, no mouth, no toth, no lippe. **c1375** *XI Pains of Hell* 81 in *O.E. Misc.* 213 þo þat stod vp to þe leppis Be þe seruys of god þai set noȝt by. **1377** *LANGL. P. Pl. B.* XVIII. 52 Poysoun on a pole þei put vp to his lippes. **c1400** *MANDEVILLE* (Roxb.) xxii. 100 Men þat hase þe ouer lippe so grete þat, when þai slepe in þe sonne, þai couer all þe visage with þat lippe. **c1470** *HENRY Wallace* IX. 1928 His lyppys round, his noys was squar and tret. **1500-20** *DUNBAR Poems* liii. 39 For lauchter nain mycht hald thair lippis. **1590** *SHAKES. Mids. N. II. i.* 49 When she drinkes, against her lips I bob. **1604** — *Oth. IV. ii.* 50 Had they..Steep'd me in pouertie to the very lippes. **1724** *R. WODROW Life J. Wodrow* 166, I observed his lips quivering. **1758** *J. S. Le Dran's Observ. Surg.* (1771) 37 A cancerous Tumour on the Middle of the Under-Lip. **1822** *SHELLEY Fragm. Unfinished Drama* 113 Some said he was..steeped in bitter infamy to the lips. **1836** *YARRELL Brit. Fishes* (1859) I. 449 [The Loach] ..with four barbels or cirri..on the upper lip in the front. **1883** *R. W. DIXON Mano* I. xvi. 51 To the lips was he in luxury immersed. **1891** *T. HARDY Tess* II. xxii, The little upward lift in the middle of her top lip.

†b. Proverbs. (See also LETTUCE 2.) Obs.

1546 J. HEYWOOD *Prov.* (1867) 77 He can yll pype, that lackth his vpper lyp. 1577-87 HOLINSHED *Chron.* II. *Hist. Scot.* 464 A man cannot pipe without his vpper lip.

†c. *transf.* or *fig.* in phr. **the lip** (? = point) **of a lance**. Obs.

c1400 *Destr. Troy* 10139 With the lippe of þere launsis so launchet þai somyn. *Ibid.* 10147.

d. = EMBOUCHURE 3; the condition or strength of a wind instrumentalist's lips.

1889 in *Cent. Dict.* 1933 *Metronome* July 26 He's got the ideas, but his lip's weak yet. 1960 *Jazz Rev.* Nov. 10 My lip went bad after a year in the Earl Hines band. 1972 *Rolling Stone* 9 Nov. 10/2 Having not played for severál months, Miles had lost the eternally fragile trumpeters' lip.

2. In phrases referring to certain actions regarded as indicative of particular states of feeling. **to bite one's lip** or **†on one's lip**, (a) to show vexation, (b) to repress emotion; **to carry** or **keep a stiff upper lip**, to keep one's courage, not to lose heart; in bad sense, to be hard or obstinate; **to curl one's lip** (see CURL v. 3b); **†to fall a lip of contempt**, to express contempt by the movement of the lip; **†to hang the lip**, to look vexed (cf. HANG v. 4b); **to lay** (a person) **on the lips**, to kiss (see LAY v. 34); **to lick one's lips** (see LICK v. 1b); **†to make (up) a lip**, to frame the lips so as to express vexation or merriment, *at*; to pout or poke fun *at* [cf. F. *faire sa lippe*]; **to smack one's lips**, to express relish for food, *fig.* to express delight.

1330 [see BITE v. 16]. 1362 LANGL. *P. Pl.* A. v. 67 For wrappe he bot his lippes. 1390 GOWER *Conf.* I. 283 And go so forth as I go may, Fulofte bitinge on my lippe. 1546 BP. GARDINER *Declar. Art. Joye* 46b, Eyther they make a lyppe at it, or yelde with silence to seme to gyue place to auctoritie for the tyme. 1557 SEAGER *Sch. Vertue* 455 in *Babees Bk.*, Not smackyng thy lyppes As comonly do hogges. 1568 GRAFTON *Chron.* II. 846 The Erle.. was therewithall a little vexed, & began somewhat to hang the lip. 1607 SHAKES. *Cor.* II. i. 127, I will make a Lippe at the Physician. 1611 — *Wint. T.* I. ii. 373 Hee..falling A Lippe of much contempt, speedes from me. 1781 F. BURNEY *Diary* 14 Sept., Was not that a speech to provoke Miss Grizzle herself? However, I only made up a saucy lip. 1833 J. NEAL *Down Easters* I. ii. 15 'What's the use o' boo~hoo'in'?.. Keep

a stiff upper lip; no bones broke—don't I know?' **1837** HALIBURTON *Clockm.* Ser. I. xxv, She used to carry a stiff upper lip, and make him and the broomstick well acquainted together. **1837** DICKENS *Pickw.* xlv, He then drank..and smacking his lips, held out the tumbler for more. **1840** BROWNING *Sordello* II. 70 He..Biting his lip to keep down a great smile Of pride. **1969** C. BOOKER *Neophiliacs* vi. 134 The tradition of 'stiff upper lip' epics looking back to wartime greatness. **1973** G. GREENE *Honorary Consul*. I. i. 11 *Machismo*..the Spanish equivalent of *virtus*..had little to do with English courage or a stiff upper lip: **1973** *Guardian* 10 Feb. 3/3 Stiff upper lip all round on Mrs Gandhi's taunt. **1973** *Times* 24 Dec. 14/4 (*heading*) How the Italians are facing up to austerity with a stiff upper lip.

3. a. Chiefly *pl.* Considered as one of the organs of speech; often in figurative contexts. (In early examples chiefly in literalisms from the Vulg.)
†to lift or **move a lip**: to utter even the slightest word *against*. **to escape** (a person's) **lips**: see ESCAPE *v.* **to hang on** (a person's) **lips**: to listen with rapt attention to his speech.

c1020 *Rule St. Benet* (Logeman) xxxviii. (1888) 69 Mine lippan þu 3eopena & min muð. **a1225** *Ancr. R.* 158 Ich am a man mid suiledle lippen. **c1290** *S. Eng. Leg.* I. 266/192 Heo ne wawede leome non bote hire lippene vnneþe 3ware-with heo seide hire oresun. **a1310** in Wright *Lyric P.* ix. 34 Heo hath a muru mouht to mele, With lefly rede lippes lele, Romaunz forte rede. **c1375** *Sc. Leg. Saints* xxxv. (*Thadee*) 147 Na 3et þi lyppis suld nocht be opnyt to pray the trinite. **1526** *Pilgr. Perf.* (W. de W. 1531) 132 And the locke of good aduysement shall be set on our lyppes. **1579** TOMSON *Calvin's Serm. Tim.* 42/2 We may not once moue the lippe against them. **1603** SHAKES. *Meas. for M.* II. ii. 78 Mercie then will breathe within your lips. **1606** — *Tr. & Cr.* I. iii. 240 Peace Troyan, lay thy finger on thy lips. **1625** BACON *Ess., Of Atheism* (Arb.) 333 Atheisme is rather in the Lip, than in the Heart of Man. **1667** MILTON *P.L.* VIII. 56 From his Lip Not Words alone pleas'd her. **1704** *Good Expedient for Innoc. & Peace in Harl. Misc.* (1746) VIII. 14/2 It might appear a Crime to lift a Lip against, or return any Answer to this Objection. **1781** COWPER *Expost.* 44 Hypocrisy, formality in prayer, And the dull service of the lip, were there. **1842** TENNYSON *Gardener's Dau.* 50 Not less among us lived Her fame from lip to lip. **1855** MACAULAY *Hist. Eng.* xi. III. 127 John Hampden..produced a composition..too vituperative to suit the lips of the Speaker. **1875** JOWETT *Plato* (ed. 2) III. 238 Unless I hear the contrary from your own lips. **1882** FARRAR *Early Chr.* II. 427 If the Christianity of the lips is consistent with anti-Christianity of life.

†b. sing. Language; chiefly in phrase, **of one lip** (a Hebraism); also used

for 'agreeing in one story'. *lit.* and *fig.* *Obs.*

1382 WYCLIF *Gen.* xi. 1 Forsothe the erthe was of oo lip [**1388** langage], and of the same wordis. **1677** A. YARRANTON *Eng. Improv.* 174 [The poor Clothiers of Worcester] are all of one Lip, a bad Trade, and they do not know when it will mend [etc.]. **1681** *Whole Duty Nations* 15 In parts remote one from another, and of a divers lip or language. **1695** LD. PRESTON *Boeth.* II. 90 This, People of a different Lip doth bind With sacred Cords.

c. *slang.* Saucy talk, impudence.

1821 *D. Haggart's Life* (ed. 2) 20, I was at no loss in vindicating myself and giving him plenty of lip. **1884** 'MARK TWAIN' *Huck. Finn* v. 31 'Don't you give me none o' your lip,' says he. **1895** CROCKETT *Cleg Kelly* xx. (1896) 152 Says Sal to me, 'None of your lip'.

d. A lawyer, esp. a criminal lawyer. *U.S. slang.*

1929 *Sat. Even. Post* 13 Apr. 54/3 A lawyer is a mouthpiece or a shyster or a lip. **1930** *Amer. Mercury* Dec. 456/2 Get a lip for a writ an' I'll lam. **1950** H. E. GOLDIN et al. *Dict. Amer. Underworld Lingo* 127/1 The lip took a hundred skins (dollars) and never showed (appeared) in court.

II. Something resembling the lips of the mouth.

4. a. The margin of a cup or any similar vessel; e.g. of a bell.

1592 R. D. *Hypnerotomachia* 60 And in the bearing out of the lippe of the vessell ouer the perpendicular poynt of the heade there was fastened a rynge. **1660** BOYLE *New Exp. Phys. Mech.* Proem 9 The Orifice [of a vessel] is incircled with a lip of Glass, almost an inch high. **1684** T. BURNET *Th. Earth* I. viii. I. 102 The Sea..bounded against those Hills..as the ledges or lips of its Vessel. **1758** REID tr. *Macquer's Chem.* I. 321 Raise the coals quite to the lip of the crucible. **1810** E. D. CLARKE *Trav. Russia* (1839) 31/1 The fracture had taken place..seven feet high from the lip of the bell. **1830** MISS MITFORD *Village Ser.* IV. 259 A small brown pitcher with the lip broken. **1847** C. BRONTË *J. Eyre* xx, He held out the tiny glass.. 'Now wet the lip of the phial'. **1884** F. J. BRITTEN *Watch & Clockm.* 156 [The] Lips..[are] the rounded edges of the cylinder in a Cylinder Escapement.

b. The edge of any opening or cavity, esp. of the crater of a volcano.

1726 LEONI tr. *Alberti's Archit.* I. 38/1 The Lips of the Apertures. **1830** LYELL *Princ. Geol.* I. 341 Every stream of lava descending from the lips of the crater. **1855** STEPHENS *Bk. Farm* (ed. 2) II. 575/2 The remainder should be placed on the ditch lip on the headridge. **1878** HUXLEY *Physiogr.* 190 The partially-molten rock..may eventually run over the lip of the crater. **1879** E. GARRETT *House by Works* II. 106 Crouching..under the heathery lip of the chasm.

c. In wider sense: Any edge or rim, esp. one that projects; *spec.* in *Coal-mining* (see quot. 1883).

1608 WILLET *Hexapla Exod.* 589 Certaine claspes which..caught holde of the edge or lip of the table. **1813** *Sporting Mag.* XLII. 130 The lip of the hammer [of a gun] over~hangs the upper edge of the inclined plane. **1839** MURCHISON *Silur. Syst.* I. xxix. 379 Round the northern lip of this coal tract. **1883** GRESLEY *Gloss. Coal-mining, Lip*..the low part of the roof of a gate-road near to the face; taken down or ripped, as it is called, as the face advances. **1890** J. SERVICE *Thir Notandums* xv. 102 The Laird o' Auchinskeich had a bit mailin' on the lip o' the moss.

5. In scientific and technical uses. **a.** *Surg.* One of the edges of a wound.

c1400 *Lanfranc's Cirurg.* 35 Be war þat..no þing..þat lettþ consolidacioun, falle bitwene þe lippis of þe wounde. **1541** R. COPLAND *Galyen's Terap.* 2 Fiv, Yf the lyppes of the vlcere appere harde and stony, they must be cutte. **1685** BOYLE *Enq. Notion Nat.* 333 The Chirurgeon does often hinder Nature from closing up the Lips of a Wound. **1758** J. S. Le Dran's Observ. Surg. (1771) Introd. 3 The Lips of a Wound must be joined. **1807-26** S. COOPER *First Lines Surg.* (ed. 5) 288 As soon as the bones are reduced, the lips of the wound are to be accurately brought together. **1889** in *Syd. Soc. Lex.*

b. *Anat. and Zool.* = LABIUM or LABRUM.

1597 [see LABIUM 1a]. **1611** COTGR., *Landies*, the two Pterigones, or great wings within the lips of a womans Priuities. **1722** [see LABIUM 1b]. **1828**, **1862** [see LABIUM 2]. **1875** *Encycl. Brit.* (ed. 9) II. 280/2 (*Arachnida*), A rudimentary sternal lip (*labium*). **1880** [see LABRUM]. **1901** *Gray's Anat.* (ed. 15) 631 The central lobe or island of Reil lies deeply in the Sylvian fissure, and can only be seen when the lips of that fissure are widely separated.

c. *Bot.* (a) One of the two divisions of a bilabiate corolla or calyx. (b) =

LABELLUM 1.

1776 J. LEE *Introd. Bot. Explan. Terms* 395 *Ringens*, gaping, irregular, with two lips. **1776-96** WITHERING *Brit. Plants* (ed. 3) II. 41 Lip scolloped, blunt, longer than the petals. **1807** J. E. SMITH *Phys. Bot.* 434 *Ajuga* [has] scarcely any upper lip at all. **1832** LINDLEY *Introd. Bot.* I. ii. §7. 118 The lower lip or labellum, the latter term is chiefly applied to the lower lip of Orchideous plants. **1892** *Garden* 27 Aug. 184 Orchids. *Cattleya Schilleriana*... The lip is three-lobed.

d. Conch. One of the edges of the aperture of a spiral shell.

1681 GREW *Musæum* 124 Note, That when I speak of the Right or Left Lip of a Shell, I mean, as it is held with the Mouth downward. **1851** RUSKIN *Stones Ven.* I. xx. 216 One of the innumerable groups of curves at the lip of a paper Nautilus. **1866** TATE *Brit. Mollusks* iii: 45 The outer lip is thin, not thickened or reflected as in the majority of the land shells.

e. Mech. In various senses (see quotes.).

c1850 *Rudim. Navig.* (Weale) 130 *Lips of scarpshs.* The substance left at the ends, which would otherwise become sharp, and be liable to split, and, in other cases, could not bear caulking. **1884** KNIGHT *Dict. Mech. Suppl.*, *Lip*, the helical blade on the end of an auger to cut the chip. **1898** *Cycling* 53 Split bracket; 'lips' compressed by screw bolt.

f. Organ-building. (See quot. 1876.)

1727-52 CHAMBERS *Cycl.* s.v. *Organ*, Over this aperture is the mouth BBCC; whose upper lip, CC, being level, cuts the wind as it comes out at the aperture. **1852** SEIDEL *Organ* 79 The good intonation, or speaking of a pipe, depends on the correct position of the lips. **1876** J. HILES *Catech. Organ* iv. (1878) 24 Above and below [the mouth of an organ pipe] are two edges called the lips. **1881** C. A. EDWARDS *Organs* 128 The opening between the lips of a pipe is called 'the mouth'.

6. attrib. and Comb. **a.** simple attributive: (a) belonging to a lip or lips, as in *lip-end*, *-favour*, *-hair*, *-position*, *-quiver*, *-smile*; also *lip-like* adj.

1874 THEARLE *Naval Archit.* 70 Sometimes, only those at the *lip ends of the scarpshs are left.

1592 GREENE *Philomela* (1615) E2, Lutesio kind, gaue the Gentlewoman a kisse: for he thought she valued a *lip fauour more then a peece of gold.

1873 W. CORY *Lett. & Jrnls.* (1897) 325 Snobs and gents, and men with waxed *lip-hair.

1836-9 TODD *Cycl. Anat.* II. 543/1 The *lip-like folds of skin before the membrana tympani. **1870** ROLLESTON *Anim. Life* 128 The upper lip-like portion of the anterior suckers.

1632 MASSINGER *Maid of Hon.* IV. iii, His house full Of children, clyents, servants, flattering friends, Soothing his *lip-positions.

1851 H. MELVILLE *Whale* xxxiv. 167 Dough-Boy's life was one continual *lip-quiver.

1871 G. MEREDITH *H. Richmond* xvii, She had her lips tight in a mere *lip-smile.

(b) In uses relating to the lips as the organs of speech (sense 3), chiefly with the implication 'merely from the lips, not heartfelt', as in **lip-babble**, -**Christian**, -**comfort**, -**comforter**, -**cozenage**, -**devotion**, †-**gospeller**, -**holiness**, -**homage**, -**love**, †-**lusciousness**, -**physic**, -**religion**, -**resignation**, -**revel**, -**reverence**, -**reward**, -**righteousness**, -**wisdom**; **lip**†**good**, -**holy**, -**learned**, -**wise** adjs. Freq. in terms of Phonetics, as **lip-action**, -**closure**, -**consonant**, -**position**, -**protrusion**, -**rounded** adj., -**rounding**, -**spreading**.

1933 L. BLOOMFIELD *Lang.* vi. 107 It is relative tenseness, too, which in addition to *lip-action, makes the Italian vowels very different from those of English.

1895 ZANGWILL *Master* I. vi. 70 Were these things, then, merely *lip-babble?

1882 FARRAR *Early Chr.* I. 448 *note*, He is speaking, not of *lip-Christians but, of converts who lapse into 'wretchlessness of unclean living'.

1922 O. JESPERSEN *Lang.* 278 That *lip-closure which is an essential part of the ordinary [m].

1632 MASSINGER *Maid of Hon.* III. i, *Lip comfort cannot cure me.

1815 SOUTHEY *Soldier's Funeral* 43 Reverend *lip-comforters that once a week Proclaim how blessed are the poor.

1867 *Lip consonant [see BACK a. 1c]. **1877** H. SWEET *Handbk. Phonetics* 32 Lip. S.G. *w* in 'wie', 'wo' is an example of a pure lip consonant.

1627 E. F. *Hist. Edw. II* (1680) 40 Pretends himself, with a new strain of *Lip-cousenage, to be the Heir of Edward the First.

1607 HIERON *Wks.* I. 292 There may be somewhat like prayer, which yet is not prayer, but *lip-deuotion.

1603 B. JONSON *Sejanus* I. ii, But, when his Grace is merely but *lip-good, And that [etc.].

1558 E. P. tr. *Cranmer's Confut. Unwrit. Verities* Pref. Aiiij, We were..*lippe gospellers, from the mouth outward and no farther.

1624 DAVENPORT *City Nt.-Cap* I. i, She that is *lip-holy Is many times heart-hollow.

1591 GREENE *Maiden's Dream* in *Shaks. Soc. Papers* (1845) II. 141 *Lip-holines in Cleargie men [*Dyce suggests Lip-holy Clergie men*] he could not brooke.

1858 R. A. VAUGHAN *Ess. & Rem.* I. 46 The transcendentalist bestows upon it [Christianity] his *lip-homage.

1683 TRYON *Way to Health* 531 The fashion which our *Lip-learned Physitians and Apothecaries..practice is this [etc.].

1703 BURKITT *On N.T. Philem.* 7 There is a frozen charity, and a *lip-

love found among many professors, whom Christ will disown at the great day.

1650 FULLER *Pisgah* I. iv. 10 Some conceive voluptuousnesse thereby is forbidden; others *lip-lusciousnesse and hypocrisie in divine service.

a1625 BEAUM. & FL. *Lover's Progr.* I. i, This is cold comfort, And, in a friend, *lip-physic.

1929 Amer. Speech IV. 414 The *lip position of the Gascon sound was identical with that of the Parisian *b*.

1932 D. JONES *Outl. Eng. Phonetics* (ed. 3) xxi. 177 A correct English *f* may be acquired by..retracting the tip of the tongue and exaggerating the *lip-protrusion.

1597 J. PAYNE *Royal Exch.* 14 These marchants deceyve moche by there paynted faulshode and *lipp religion.

1876 GEO. ELIOT *Dan. Der.* IV. lxix. 353 The Invisible Power that has been the object of..*lip-resignation.

1815 MILMAN *Fazio* (1821) 42 'Tis an old tale Thy fond *lip-revel on a lady's beauties.

c1843 CARLYLE *Hist. Sk. Jas. I & Chas. I* (1898) 204 Not with *lip-reverence but heart-reverence.

1595 MARKHAM *Sir R. Grinvile* I, To euery act shee giues huge *lyp-reward.

1801 SOUTHEY *Thalaba* v. xxxv, For the dupes Of human-kind keep this *lip-righteousness!

1921 E. SAPIR *Lang.* viii. 186 In *foti* 'feet' the long *o* was colored by the following *i* to long *ö*, that is, *o* kept its *lip-rounded quality.

1910 *Mod. Lang. Rev.* V. 93 The *lip-rounding is less energetic. **1950** D. JONES *Phoneme* xxxi. 224 A..case..for representing the Japanese *u* by *w*

on the ground that it has less lip-rounding than the European u-sounds.

1964 R. H. ROBINS *Gen. Ling.* 97 The English front vowels are mostly accompanied by *lip-spreading. **1964** P. STREVENs in D. Abercrombie et al. *Daniel Jones* 121 Pupils may be exhorted to.. 'smile a little as you say that', in order to achieve voicing or lip-spreading.

a1586 SIDNEY *Arcadia* I. (1629) 65 All is but *lip-wisdom, which wants experience.

1603 FLORIO *Montaigne* i. li. (1632) 166 They only are good Pretors, to do justice in the Citie, that are subtil, cautelous, wily and *lip-wise.

b. objective and obj. genitive, as *lip-biting, -feeding, -treatment; lip-blushing, -dewing*, adjs.

a1734 NORTH *Exam.* III. viii. §10 (1740) 589 How they had posted themselves in the View of the Prisoner, and made Signals at all Turns with Winks and *Lipbitings.

c1588 KYD *1st Pt. Jeronimo* (1605) B, By this *lip blushing kisse.

1791-3 WORDSW. *Descr. Sk.* 132 *Lip-dewing song.

1647 TRAPP *Comm. Matt.* xiii. 52 God hath purposely put honey and milk under their tongues..that they may look to *lip-feeding.

1897 *Allbutt's Syst. Med.* III. 343 Neglect of this precaution is almost certain to produce failure of the *lip-treatment.

c. instrumental and locative, as *lip-bearded, -born, -licked* adjs.

1615 A. NICCHOLES *Marr. & Wiving* vi. 17 Meere Croanes..*lip-bearded, as wiches.

1872 GEO. ELIOT *Middlem.* lxxx. IV. 279 Why had he brought his cheap regard and his *lip-born words to her who had nothing paltry to give in

exchange?

1632 LITHGOW *Trav.* I. 4 Clouted complements, stolne Phrases, and *lip-licked labours, of lamp-living spirits.

7. Special comb.: **lip-auger** (see quot.); †**lip-berry**, ? any small red berry, esp. that of the Arum; **lip-bit** (see quot.); **lip-blossomed** *a.* (*nonce-wd.*), labiate; **lip-bolt** = *lip-head bolt*; **lip-brush**, a small brush used to apply lipstick; **lip-click**, a clicking noise made with the lips; †**lip-clip**, a kiss; **lip-fern** (see quot.); **lip-full** *a. dial.*, full to the lips; †**lip-glass** (see quot.); **lip-gloss**, a glossy cosmetic applied to the lips; **lip-head bolt** (see quot.); **lip-hook**, (a) the upper hook of several on a line, which is put through the lip of a live bait; (b) 'a grapnel for catching in the lip of the whale, to tow it to the vessel' (Knight); **lip-language**, (in the instruction of the deaf and dumb) language communicated by movements of the lips; †**lip-letter**, a labial (see LABIAL *n.* 1); †**lip-lick**, a kiss; **lip-line**, the outline of a person's lips; **lip microphone** (see quot. 1941); **lip pencil** (see PENCIL *n.* 2c); **lip-piece**, a plug of wood thrust through the lip and worn as an ornament; **lip-pipe** *Organ-building*, a flue-pipe; **lip-plate**, the hypostome of trilobites (*Cent. Dict.*); **lip-plug** = *lip-piece*; **lip-print**, the imprint made by a person's lips; **lip-read** *v. trans. and intr.*, to apprehend (someone, or what someone says) by observing the movement of the lips; so **lip-reader**; **lip-reading**, (in the instruction of the deaf and dumb) the apprehending of what another says by watching the movements of his lips; **lip-ring**, a ring passed through the lip, and worn as an ornament; **lip-rouge**, red cosmetic for the lips; **lip-smacking**, the act of smacking one's lips (see SMACK *v.*² 1); also as *ppl. adj.*; **lip-speaking**, speaking to one who is deaf by means of movements of the lips (cf. *lip-reading*); **lip-spine** *Conch.*, a spine on the edge of a shell (*Cent. Dict.*); **lip-strap** (see quot.); **lip-sworn** *a.*, that has taken an oath of secrecy; **lip-sync(h)**, **-synchronization** (see quotes.); so **lip-sync** *v. intr.*, **lip-synchronized** *ppl. a.*, **lip-syncing** *vbl. n.*; **lip-thatch** (*jocular*), a moustache; **lip-tooth**, a tooth on the lip of a shell; **lip-vein**, a labial vein (see LABIAL *a.* 1b); **lip-wing** (*jocular*), a moustache; **lip-work** = LIP-LABOUR (so **lip-working** *adj.*); **lip-wort seed** *nonce-wd. (humorous)* = idle talk. Also LIP-DEEP, LIP-LABOUR, LIP-SALVE, LIP-SERVICE, LIP-WORSHIP.

1884 KNIGHT *Dict. Mech. Suppl.* s.v. *Lip*, A *lip auger has pod and lip; in contradistinction to the screw auger.

1613 DENNYS *Secr. Angling* II. xxxv. C8b, *Lip berries from the bryar bush or weede. **1681** J. CHETHAM *Angler's Vade-mecum* iv. §27 (1689) 27 Lip-berries. Whose true name is Aron berries or Berries of Cookow-pints or Wake-Robin.

1875 KNIGHT *Dict. Mech.*, *Lip-bit, a boring tool adapted to be used in a brace, and having a cutting lip projecting beyond the end of the barrel.

1876 E. R. LANKESTER *Hist. Creation* I. i. 15 The great natural family of *lip-blossomed plants.

1874 THEARLE *Naval Archit.* 38 These *lip bolts are likewise shown.

1947 *Glamour* Aug. 96 If you're aiming for makeup perfection..you'll naturally want the finest in *lipbrushes. **1958** Lipbrush [see AEROSOL 2]. **1960** *News Chron.* 21 June 6/2 Make the most of the mouth one has... This can only be done skilfully with a lip-brush.

1606 *Wily Beguiled* 21 A Maid cannot loue, or catch a *lip clip or lap clap, but heers such tittle tattle. **1933** E. SITWELL *Eng. Eccentrics* 18 The *lip-clicks of the earthworms which are, it may be, amongst the earliest origins of our language.

1890 *Century Dict.*, *Lip-fern, a fern of the genus *Cheilanthes*; in allusion to the lip-like indusium.

1822 H. AINSLIE *Land of Burns* 16 The recent rains have..swollen the river *lip full.

1825 T. COSNETT *Footman's Direct.* 128 Two sets of finger-glasses, and *lip-glasses for the company to wash their mouths in.

1939-40 *Army & Navy Stores Catal.* 437/1 Max Factor... *Lip gloss—2/6. **1972** *Country Life* 4 May 1127/3, I have now come to..like lip gloss... These shiny lip colours have several good uses. You can use them alone for a pale, glossy look or you can put them over a lipstick to add gloss. **1972** *Vogue* June Special 90 Blueberry Wine Lipstick matching Lip Gloss.

1875 KNIGHT *Dict. Mech.*, *Lip-head Bolt, a bolt with a head projecting

sideways.

1870 H. CHOLMONDELEY-PENNELL *Mod. Pract. Angler* 12 The *lip-hook is a very important portion of the spinning-flight. *Ibid.* 208 The single lip-hook is passed through the upper lip of the bait.

1879 H. CALDERWOOD *Mind & Br.* 209 The German method of instructing deaf-mutes by *lip-language.

1591 R. PERCIVALL *Sp. Dict.*, B is a *lip-letter.

1582 STANYHURST *Æneis* I. (Arb.) 40 When she shal embrace thee, when *lyplicks sweetlye she fastneth.

1951 W. SANSOM *Face of Innocence* ii. 21 A smell of coffee and cigars blended with the black perfume and the red *lipline of Eve's presence.

1960 *Farmer & Stockbreeder* 16 Feb. Suppl. 5/3 It is seldom the young who apply their lipstick badly. Their natural lip-line is still clear.

1941 B.B.C. *Gloss. Broadcasting Terms* 17 *Lip microphone, type of ribbon microphone designed to be held close to the mouth and to eliminate extraneous sounds reaching it from either side. **1949** *Electronic Engin.* XXI. 354 There will be a commentator's box equipped with a lip microphone.

1904 *Lip pencil [see *PENCIL* n. 2c]. **1948** *Woman & Beauty* Dec. 57 (caption) One of the new Gala lip pencils.

1796 MORSE *Amer. Geog.* I. 111 note, This custom of the women's wearing the '*lip-piece' by way of ornament.

1855 HOPKINS *Organ* 354 *Lip, mouth, or flue pipes..are such as have an oblong opening, called the mouth..bounded above and below by two edges called the lips; which are made to sound by the wind first passing through a narrow fissure, flue, or wind-way. **1876** [see *LABIAL* A. 1c].

1894 *Nation* (N.Y.) 14 June 451/1 The Suyá are made fun of for their *lip-plug, or *botoco*.

1934 'J. RHODE' *Poison for One* II. ii. 92 Has it [sc. a drinking-glass] been examined for what I may term *lip-prints? **1970** *New Scientist* 3 Sept. 455/2 They have collected lip prints from 280 people, using a technique akin to finger printing.

1892 *Strand Mag.* Mar. 250/2 He..*lip read the advocates who examined him. *Ibid.* 251/1 He would like to test the lad's ability to speak, and to lip read. **1906** *Chambers's Jnl.* 29 Dec. 80/1 An arithmetic class where questions..were not only heard (or; rather, lip-read) but answered. **1946** *Sat. Even. Post* 9 Mar. 10/2 Tele addicts contend they see football better than from any seat in the stadium, and can lip-read the signals. **1962** A. NISBETT *Technique Sound Studio* x. 170 My deaf friend preferred to switch it off and lip-read. **1973** C. CARFAX *Sleeping Salamander* vii. 66 Watching, I lipread rather than heard his words.

1912 *Strand Mag.* Jan. 15/1 In those days this youthful *lip-reader had no name for her gift of seeing speech. **1941** V. WOOLF *Between Acts* 242 There was Dodge, the lip reader,..a seeker like her after hidden faces. **1974** R. C. DENNIS *Conversations with Corpse* ii. 10 A pity you aren't a lip reader.

1874 CARPENTER *Ment. Phys.* §185 a. 204 It has long been known that individuals among the Deaf-and-Dumb have acquired the power of '*lip-reading'.

1866 LIVINGSTONE *Last Jrnls.* I. i. 24 The teeth are filed to points, and huge *lip-rings are worn by the women.

1926 MAINES & GRANT *Wise-Crack Dict.* 11/1 *Leave a good impression*, use lots of *lip rouge. **1930** J. DOS PASSOS *42nd Parallel* I. 76 She smeared liprouge on his nose.

1947 N. LINDSAY *Halfway to Anywhere* vii. 124 With *lip smacking over swigs of cooking sherry, it was felt that luxury could go no farther. **1958** [see CAPSULIZE v.]. **1966** AUDEN *About House* 21 Lip-smacking Imps of mawk and hooley.

1880 *Times* 28 Sept. 9/5 If *lip-speaking could not be taught, the deaf, while they must have continued a community apart, would have [etc.].

1876 VOYLE & STEVENSON *Milit. Dict.* 232 **Lip-strap*, a small strap with a buckle passing from one cheek of the bit through a ring in the centre of the curb chain to the other cheek, for the purpose of preventing the horse from seizing the cheek of the bit in his mouth.

1602 MIDDLETON *Blurt Master-Const.* III iii. E4b, Your *lip-sworne seruant may there visit you as a Physition.

1957 MANVELL & HUNTLEY *Technique Film Music* ii. 27 *The Jazz Singer*..introduced in certain sequences *lip-synchronized singing by Al Jolson.

1959 W. S. SHARPS *Dict. Cinematogr.* 107/1 *Lip synchronization*. Abbreviated to Lip sync. The recording of sound, usually at the same time as its associated picture, so that on projection of the completed film, the words uttered synchronize exactly with the performer's lip movements as shown in the picture.

1961 A. BERKMAN *Singers' Gloss. Show Business* 55 *Lip sync*, to move the lips in synchronization with a recorded sound; to pantomime with a recording. **1970** M. TORMÉ *Other Side of Rainbow* (1971) iii. 50 A decision was made to prerecord one of Judy's songs, which she would lip-sync on the show. While lip-syncing is anathema to most singers, it was Judy's particular teacup. **1972** *Cinema Rising* Aug. 2/2 A feature-length Western, and a lip-synch musical.

1892 R. KIPLING *Barrack-room Ballads* 167 For each man knows, ere his *lip-thatch grows, he is master of Art and Truth.

1886 E. D. COPE *Origin Fittest* v. (1887) 178 The *lip-teeth characteristic of the genus *Triodopsis*.

1597 A. M. tr. *Guillêmeau's Fr. Chirurg.* 29b/2 The seaventh is the *lippe vayne, whereof on each syde are two.

1825 C. M. WESTMACOTT *Eng. Spy* II. 58 Twirled the dexter side of his *lip-wing.

1616 B. JONSON *Devil an Ass* I. ii, Fitz... And I except all kissing..I forbid all *lip-work. **1649** MILTON *Eikon.* i. Wks. 1851 III. 344 Manuals, and

Handmaids of Devotion, the lip-work of every Prelatical Liturgist, clapt together, and quilted out of Scripture phrase. **1894** LD. WOLSELEY *Life Marlborough* II. lxix. 231 There can be no doubt..that Marlborough did make these protestations of penitence..But it was all lip-work.

1642 MILTON *Apol. Smect.* Wks. 1851 III. 311 Their office is to pray for others. And not to be the *lip-working deacons of other mens appointed words.

1562 J. HEYWOOD *Prov. & Epigr.* (1867) 211 Lyuerwort I haue none: but *Lipwort seede I haue.

DRAFT ADDITIONS DECEMBER 2004

lip, n.

► **lip stud** *n.* an ornamental stud worn through a pierced lip.

1886 *Amer. Naturalist* **20** 598 The characteristic *lip-stud of the western Eskimos, of which a pair is now universally worn in the under lip, one at each corner of the mouth. **2001** V. COREN & C. SKELTON *Once more, with Feeling* li. 316 They've even got the same lip stud.

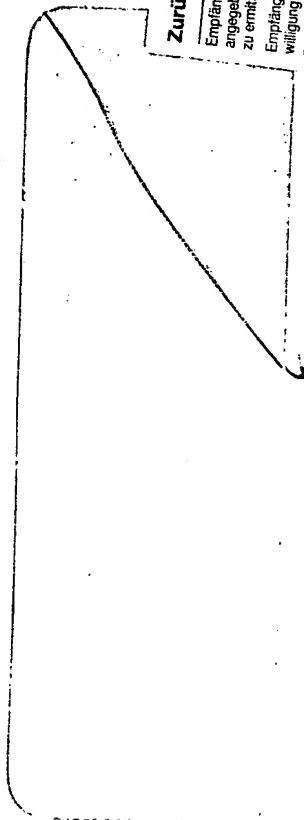
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